Work Order ID 87734 *87734*

July-27-12 12:58:24 PM

Item ID: D2739 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID:

Item Name: 350 I Beam **Stop** *NS2*

Start Date: 7/27/12 **Start Qty:** 4.00 *4* **Cust Item ID:**

Required Date: 8/17/12 **Req'd Qty:** 4.00 *4* **Customer:**

Reference:

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** MLJ **Date:** 12/07/27 **Tooling:** ______ **Date:** ______

QC: ______ **Date:** ______ **SPC (Y/N):** ______ **Date:** ______

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr D2739	**Revision Nbr** Rev E								
100 *100* Skidtubes Skidtubes	Skidtubes	0.00				4	3		12/07/31
	Memo 1-Cut D2600-5 to length as per Dwg D2739. 2-Drill pilot holes in web using drilling Jig DT8162 as per Dwg D2739 3-Use uni-bit to open holes to finish size as per Dwg D2739. 4-Bevel Fwd end of extrusion and Deburr holes and ends. 5-Deburr	0.00							
120 *120* HandFinish Hand Finishing	Chemical Conversion Coat per QSI005 4.1	0.00				4	MG		12-8-1
	Memo	0.00							

DQA: ________ Date: ____________

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: ______	**DISPOSITION**	**AGAINST DEPARTMENT/PROCESS**			
Part No. ______	Rework ☐	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐
NCR No. ______	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
	Work Order Update ☐	Large Fab ☐	Composite ☐	Supplier ☐	☐

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear	**General**			
☐ Bending	☐ Bend	☐ Grain	☐ Ovalized	☐ Pressure/Forced
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance	☐ Temperature/Cure
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete	☐ Part Incorrect	☐ Weld
☐ Crushed/Crimped	☐ Burrs	☐ Instructions Incomplete/Unclear	☐ Part Lost/Missing	☐ Wrong Stock Pulled
☐ Cuffs	☐ Contamination	☐ Maintenance	☐ Part Moved	
☐ Heat Treat	☐ Countersink	☐ Mislabeled	☐ Positioned Wrong	
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge	☐ Other ______
☐ Ripples in Bend	☐ Drill Holes	☐ Offset		______
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration		______
☐ Turning Sequence	☐ Finish	☐ Out of Sequence		______
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions		______

Work Order ID 87734 *87734*

July-27-12 12:58:24 PM

Item ID:	D2739	**Accept**	*N900040100*
Revision ID:		**Setup Start**	*NS1*
Item Name:	350 I Beam	**Stop**	*NS2*

Start Date: 7/27/12 **Start Qty:** 4.00 *4* **Cust Item ID:**

Required Date: 8/17/12 **Req'd Qty:** 4.00 *4* **Customer:**

Reference:

Approvals: **Process Plan:** ______ **Date:** ______ **Tooling:** ______ **Date:** ______ **Run Start** *NR1*

QC: ______ **Date:** ______ **SPC (Y/N):** ______ **Date:** ______ **Stop** *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 *130* QC Quality Control	QC5- Inspect part completeness to step on W/O	0.00			DAS 03				12-8-1
	Memo	0.00							
140 *140* Packaging Packaging	Identify as per dwg & Stock Location: 46	0.00							12-8-1 (4)
	Memo	0.00							
150 *150* QC Quality Control	QC21- Final Inspection - Work Order Release	0.00						12/8/1	
	Memo	0.00							

MCJ 12/08/01

DQA: ________ Date: ____________

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date:

Work Order: ________	DISPOSITION	AGAINST DEPARTMENT/PROCESS			
Part No. ________	Rework ☐	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐
NCR No. ________	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
	Work Order Update ☐	Large Fab ☐	Composite ☐	Supplier ☐	☐

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

Landing Gear	General			
☐ Bending	☐ Bend	☐ Grain	☐ Ovalized	☐ Pressure/Forced
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance	☐ Temperature/Cure
☐ Cracks	☐ Broken/Damaged	☐ Inspection Incomplete	☐ Part Incorrect	☐ Weld
☐ Crushed/Crimped	☐ Burrs	☐ Instructions Incomplete/Unclear	☐ Part Lost/Missing	☐ Wrong Stock Pulled
☐ Cuffs	☐ Contamination	☐ Maintenance	☐ Part Moved	
☐ Heat Treat	☐ Countersink	☐ Mislabeled	☐ Positioned Wrong	
☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge	☐ Other
☐ Ripples in Bend	☐ Drill Holes	☐ Offset	________	
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration	________	
☐ Turning Sequence	☐ Finish	☐ Out of Sequence	________	
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions		

Picklist Print

July-27-12 12:58:23 PM

Work Order ID: 87734

Parent Item: D2739 | **Start Date:** 7/27/12 | **Required Date:** 8/17/12

Parent Item Name: 350 I Beam | **Start Qty:** 4.00 | **Required Qty:** 4.00

Comments:
IPP Rev: C02.11.28ReformatKJ
IPP Rev: D 06-03-21 As Per Rev C JLM
IPP Rev: E 07-07-28 As per Rev D JLM Verified By: IPP Rev:F 10.11.02 as per revE
DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2600-5-108 Extrusion `I Beam' thin		Manufactured	No			100	Each	84.0000	1 4	4	B	12/07/31	

Location		Loc Qty	Loc Code
LG		84	
	47814	20	
	73909	64	

DQA: ________ Date: ____________

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

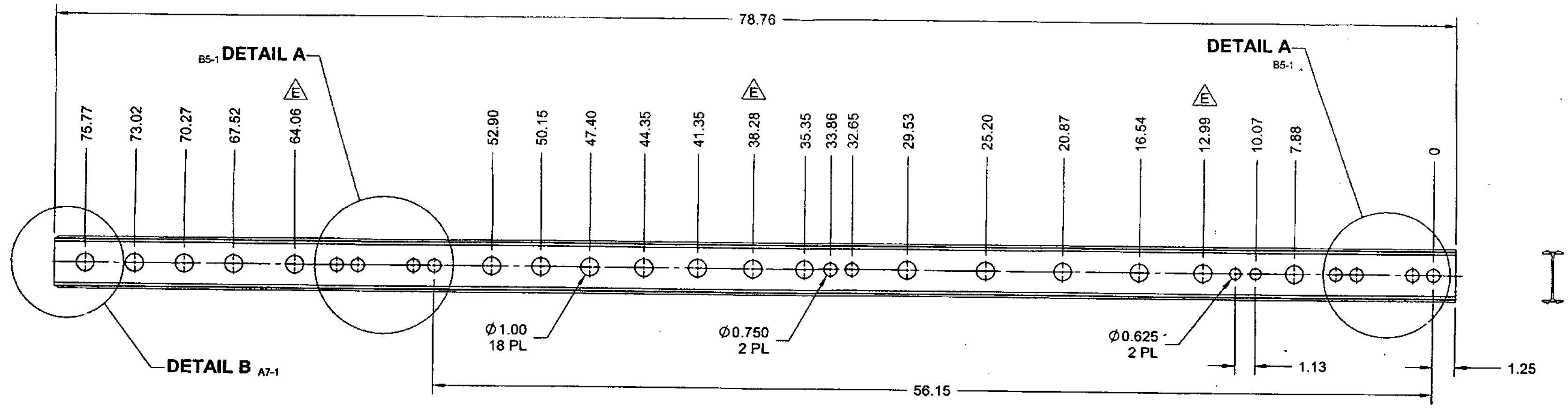
QA Closed: Date:

Work Order: ____________	**DISPOSITION**	**AGAINST DEPARTMENT/PROCESS**			
Part No. ____________	Rework ☐	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐
NCR No. ____________	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coor. ☐	Quality ☐
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐
	Work Order Update ☐	Large Fab ☐	Composite ☐	Supplier ☐	☐

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data ☐									
Equip/Tooling ☐									
Operator ☐									
Material ☐									
Setup ☐									
Other ☐									
Process ☐									
Supplier ☐									
Training ☐									
Unapproved ☐									

FAULT CATEGORY

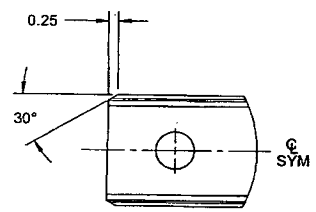
Landing Gear	**General**			
☐ Bending	☐ Bend	☐ Grain	☐ Ovalized	☐ Pressure/Forced
☐ Centre Not Concentric to O/S	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance	☐ Temperature/Cure
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☐ Cuffs	☐ Contamination	☐ Maintenance	☐ Part Moved	
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☐ Inspection Strip in Tube	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge	☐ Other ________
☐ Ripples in Bend	☐ Drill Holes	☐ Offset	________	
☐ Torque Waves in Extrusion	☐ Drawing	☐ Out of Calibration	________	
☐ Turning Sequence	☐ Finish	☐ Out of Sequence	________	
☐ Wave/Twist in Tube	☐ Folio	☐ Outside Dimensions		



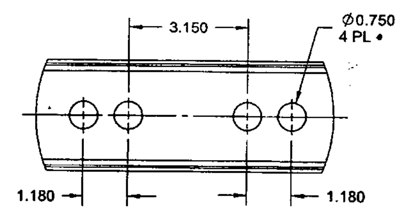
D2739 WEB

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 87734 MLJ
12/07/27

RELEASED
2010 -11- 01



DETAIL B C7-1
SCALE 3X



DETAIL A D7-1, D2-1
SCALE 3X

NOTES:
1) MATERIAL: MAKE FROM D2600-5 EXTRUSION
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: DART P/N "D2739" AND B/N PER DART QSI 044 6.1
7) WEIGHT: 3.41 lbs

REV.	DESCRIPTION	BY	DATE
E	ADD/MOVE HOLES FOR D4154 WEARPLATE: 38.28 WAS 38.35 (D5-1), 64.06 WAS 64.77 (D7-1), ADD HOLE (D3-1)	CP	10.10.08
D	ADD BEVEL TO FWD END; ADD DETAIL B	CB	07.05.29
C	ADD/MOVE HOLES FOR COMPATIBILITY WITH APICAL FLOATS	PH	06.01.05
B	CHANGE HOLES FOR COMPATIBILITY WITH AIRCRUISER FLOATS	CP	98.11.18
A	NEW ISSUE	DS	98.04.16

DESIGN	DS	DART AEROSPACE USA, INC. PORT HADLOCK, WA
DRAWN		
CHECKED		DRAWING NO. D2739 — REV. E — SHEET 1 OF 1
MFG. APPR.		
APPROVED		TITLE WEB — SCALE NTS
DE APPR.		
DATE	10.10.08	